Docket #00104001

ABSTRACT

This invention is vehicle seat, which provides enhanced occupant protection in the event of a vehicle rollover. The seat includes a rollover sensor and mechanisms compatible with power-adjustable seat design, that cause rapid distancing of the occupant from the vehicle roof in the event of a rollover. The mechanisms include high-speed motors operating reclining, lateral position, and seat lowering mechanisms, as well as pyro actuators for these mechanisms.